## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID.NO. | DATE     |
|---------------------------|----------|--------|----------|
| FEE DETERMINATION         | BA       | 16385  | -        |
| O.I.P.E. CLASSIFIER       |          | 48     | 1/10/00  |
| FORMALITY REVIEW          |          |        |          |
| RESPONSE FORMALITY REVIEW | (2)      | dulets | 2-7-00   |
|                           |          |        | 1 5-/25) |

## **INDEX OF CLAIMS**

| ~ | Rejected                   | N | . Non-elected  |
|---|----------------------------|---|----------------|
| = | Allowed                    | l | . Interference |
| _ | (Through numeral) Canceled | Α | . Appeal       |
| ÷ | Restricted                 | 0 | . Objected     |

|              |            |            |               |          | 1 - M    |          |        |             |  |          |            |          |       |            | O Siected  |          |          |          |          |                                     |          |           |          |          |           |     |          |            |          |          |          |          |          |          |          |                         |                |
|--------------|------------|------------|---------------|----------|----------|----------|--------|-------------|--|----------|------------|----------|-------|------------|------------|----------|----------|----------|----------|-------------------------------------|----------|-----------|----------|----------|-----------|-----|----------|------------|----------|----------|----------|----------|----------|----------|----------|-------------------------|----------------|
|              | Clai       | m.         | اه            |          | 7        | 0        | Date   |             |  |          |            |          |       |            | Claim Date |          |          |          |          |                                     |          |           |          | ┒        |           | Cla | im       | Date       |          |          |          |          |          |          |          |                         |                |
| Г            | T          | =          | 3             | 90       | <b>%</b> | 0        | Š      | <u>Y</u>    | Г  | Γ        | Π          |          |       | Г          | je j       |          |          |          |          | П                                   | П        |           |          |          | ╗         |     | Г        | $\vdash$   |          |          |          | ñ        | Ň        |          | 1        | 7                       | $\dashv$       |
| ŀ            | <u>ا</u> و | Original   | 7/1/2/        | 7        | 10119    | S        | 3      | 1           | ı  |          |            |          | :     | 9          | Original   | 188%     | Γ        |          |          |                                     |          |           |          |          |           |     | l ਛਾ     | Original   |          | 1        |          |          | 1        |          | 1        | İ                       |                |
| L            | Ē          | ₫          | ?             | 10       | 3        | 6        | 1      | <u> </u>    | L  |          |            |          | 1     | Final      | ю          | 14       | 1        |          |          |                                     |          |           |          |          | J         |     | Final    | δ          |          |          |          |          |          |          | - 1      |                         |                |
| L            | Δ          | Į.         | V             | 7        | J        |          | Ľ      |             | $oxed{oxed}$                                     |          |            |          |       |            | 51         | V        |          |          |          |                                     |          |           |          |          |           |     |          | 101        |          |          |          | П        |          |          | $\neg$   | ┪                       | ┪              |
|              | 1          | 7          | $\mathcal{I}$ | J        | i        | Ĺ        |        |             |  |          |            |          |       |            | 52         |          |          |          |          |                                     |          |           |          |          |           |     | Г        | 102        |          | П        |          | П        |          |          |          | 一                       | $\dashv$       |
|              | 1          | 1          | V             | V        |          |          |        |             |  |          |            |          |       |            | 53         |          |          |          |          |                                     |          |           |          | П        |           |     | Г        | 103        | _        |          |          |          |          |          | $\neg$   | ┪                       |                |
|              |            | 4          | 4             | 7        | $\Box$   |          | L      | $\Box$      | $\Box$   |          |            |          |       |            | 54         | Ш        |          |          |          |                                     |          |           |          |          |           |     |          | 104        | П        | tΠ       |          | П        |          | $\neg$   | $\dashv$ | ᅥ                       | $\dashv$       |
| L            | ┙          | Æ          | *             | V,       | Ш        | L        | L      | L           | 上  | L        | L          | L        |       | ᆫ          | 55         | Ц.       |          | _        |          |                                     |          |           |          | $\Box I$ |           |     |          | 105        |          | П        |          | Γ        |          |          |          |                         | $\neg$         |
| L            | ⇉          | 4          | Ŀ             | V        | L        | L        | L.     | ┸           | L  |          | _          | L        |       | 乚          | 56         |          |          |          | Ш        | Ш                                   |          |           |          |          |           |     |          | 106        |          |          |          |          |          | П        |          | $\neg$                  |                |
| L            | 4          | 41         | J             | V        | L        | L        | L      | ┸           | <u> </u>   | 丄        | 辶          | L,       |       | L          | 57         |          |          | L        | ᆫ        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          |           |          | Ц        | ╝         |     |          | 107        |          |          |          |          |          |          |          | コ                       |                |
| L            | 4          | 4          | ιĹ            | J        | Ц,       | L        | L      | ↓           | ↓_   | <u> </u> | Ŀ          | ļ        | İ     | ┕          | 58         |          | ┕        | _        |          | Щ                                   |          |           | _        |          |           |     | L        | 108        |          |          |          |          |          |          |          |                         |                |
| L            | 4          | ᆁ          | V             | 1        | V        | L        | L      | ╄           | 丄  | ↓_       | ╙          | ᆫ        |       | ╙          | 59         | _        |          | _        |          | <u> </u>                            |          |           | Ш        | $\Box$   | _         |     | L        | 109        |          |          |          |          |          |          |          |                         |                |
| L            |            | 涸          | Į,            | ١.,      |          | L        | ┞      | ╄           | ┺  | ↓_       | ╙          | ┖        | ١     | Ш          | 60         | _        | _        | _        |          | L                                   | Щ        |           | Щ        | Ц        | _         |     | 匚        | 110        | L        |          |          |          |          |          |          | $\Box$                  |                |
| Ŀ            | _/         | 7          | KKK           | V        | 1        | <u> </u> | Ŀ      | ┸           | ┺  | ļ        | Ļ          | Ŀ        |       | ╙          | 61         | ш        | _        | L        | _        | <u> </u>                            | Щ        |           | Ш        | Ц        | _         | _   |          | 111        | ┖        | Ŀ        | L.,      |          |          |          |          |                         |                |
| -  -         | 4          | Ł          | V             | W        | k        |          | E      | <u>. L.</u> | 느  | -        | <u> </u>   | Ε.       | ١.    | <u> </u>   | 62.        | Ш        | _        | L.       | Ш        | L                                   |          | Ш         |          | -1       | إ         | -   | Ŀ        | 1.12 _     | Ŀ        | Ŀ        | _        | Ш        |          |          |          |                         |                |
| . <b> </b> - | 7          | ¥          | Ī,            | V        | 7        | Ŀ        | Į.     | 1-          | -  | -        | <b>!</b>   | <u> </u> | · · · | <u>.::</u> | 63         |          | <u> </u> | <b> </b> | _        |                                     | L        | Щ         | Ш        | $\sqcup$ | _         |     | Ŀ        | 113        | L        | Ш        |          | Ш        |          | -        |          | -                       | •-             |
| ŀ            |            | X          | J,            | ⊢        | <u> </u> | ▙        | Ľ      | $\perp$     | -  | -        | _          | <u> </u> |       | $\vdash$   | 64         | _        | L        | ┡        | ⊢        | <u> </u>                            | -        | Щ         |          | $\sqcup$ | ᆚ         |     | Ŀ        | 114        | L.       | Ш        |          | Щ        | Ш        | Щ        |          | _                       | ┙              |
| ┝            | 4          | <b>.</b> 6 | ¥             | ١.,      | H        | ⊢        | ⊢      | +-          | ╀  | ╀        | ₽          | <u> </u> | l     | ⊢          | 65         | _        | ╙        |          |          | <u> </u>                            |          | Ш         |          | $\sqcup$ | 4         |     | <u> </u> | 115        | Щ        | Ľ        |          | Ш        | Ш        |          | Ц        | ᅴ                       | _              |
| ┝            | +          | 15<br>11   | V             | V,       | V        | L        | ⊢      | ╀           | ╀  | ├        | <b> </b> _ | <u> </u> |       | ⊢          | 66         | ш        | ╙        | _        | <u> </u> | _                                   | L        | _         | L.       | 1        | 4         |     | L        | 116        | Щ        | Щ        | Щ        | Щ        |          |          |          | ᆜ                       | Ц              |
| Ł            | 4          | 4          | ν,            | V        | Ŋ.       | ⊢        | ⊢      | ╄           | ⊢  | ┡        | ╄          | ⊢        | l     | <u> </u>   | 67         | _        | -        | <u> </u> |          |                                     | ļ        |           |          | -        | 4         |     | <u> </u> | 117        | Ь.       | Ш        | Ш        | Ш        |          | Щ        |          | _                       | _              |
| ╁            | 4          | 1          | 7/            | V        | 4        | ┡        | ┝      | ╁           | ╀  | ┝        | ⊢          | ⊢        |       | <u> </u>   | 68         | _        |          | -        | _        |                                     | <u> </u> | _         | Ш        | -        |           |     | ⊢        | 118        | <b> </b> | L        |          | Ш        | Щ        | щ        | Ц        | _                       | $\blacksquare$ |
| -            |            | ×          | J             | ٠,       | _        | -        | ╀      | ╄           | ⊢  | ┡        | -          | ⊢        | l     | ⊢          | 69         |          | _        | ┡        | Н        | Н                                   | Н        |           | Н        | -        | _         |     | <u> </u> | 119        | L        | Ц        | щ        | Ш        | $\vdash$ | Ŀ        | $\dashv$ | _                       | _              |
| ‡            |            | 20         | 4             | 1        | ¥        | L        | Ļ      | ┰           | <del> </del>                                     | ㄴ        | Ш          | <u> </u> |       | ┕          | 70         |          |          | L        | L        | Ш                                   |          | L         | Ш        | _        |           |     | 匚        | 120        | Ш        | Ш        | _        | Ш        | _        | Ш        |          | _                       | $\Box$         |
| 1            | _          | 21         | _             | <b> </b> | _        | V        | ļγ     | 4_          | ╄  | ┡        | L          | Щ        |       |            | 71         | _        | _        | <u> </u> | ļ        | Ш                                   |          |           | Щ        | _        | _         |     | ᆫ        | 121        | L        | Ш        |          | L        | Ш        |          |          |                         | _              |
| -            |            | 22         | _             | <b> </b> | _        | 11       | Н      | +-          | ╄  | <b>├</b> | <u> </u>   | Щ        |       | <u> </u>   | 72         |          | <u> </u> | L        | L.       | _                                   | Ш        | <u> </u>  | Щ        | _        | _         |     | ᆫ        | 122        | <u> </u> | Ш        | Щ        | _        |          | Ш        |          | Ц                       | _              |
| H            |            | 23<br>24   | _             | <b>-</b> | _        | 11       | ₩      | +-          | ╄  | ▙        | -          | -        |       | <u> </u>   | 73<br>74   | ш        | ļ        | ļ        | $\vdash$ | $\vdash$                            | Н        | L         |          | $\dashv$ | 4         |     | <u> </u> | 123        | _        | Н        |          | Ш        |          | Ш        | $\Box$   | _                       | _              |
| $\vdash$     | _          | -          | _             | -        | _        | Н        | Н      | ╁           | ╁  | ⊢        | Н          | Н        | ŀ     | <u> </u>   | 75         | $\vdash$ | _        | -        |          | $\vdash$                            | Н        | Щ         | Н        | $\dashv$ | 긕         |     | ⊢        | 124        | _        | Н        | $\vdash$ | Н        | Щ        | Н        |          |                         | $\dashv$       |
| H            |            | 25<br>26   | _             | H        | -        | H        | ₩      | +-          | ╀  | ├        | ⊢          | -        | ŀ     | $\vdash$   | 75<br>76   | _        | -        |          | ⊢        | -                                   | Н        | Н         | Н        | $\dashv$ | ᅱ         |     | ⊢        | 125        | Н        | Н        | _        | Н        | Н        |          |          |                         | $\vdash$       |
| H            |            | 27         | _             | -        | H        | ₩        | ₩      | ╂╌          | ╀╌   | $\vdash$ | -          | ⊢        | ľ     | $\vdash$   | 77         | Н        | $\vdash$ | ⊢        |          |                                     | Н        | Н         | Н        | $\dashv$ | ᅱ         |     | ⊢        | 126        | Н        | Н        |          | Н        | H        | -        | $\dashv$ | $\dashv$                | $\dashv$       |
| H            | _          | 28         | -             | H        | -        | ₩        | Н      | ╁           | ╁╾   | ╢        | $\vdash$   | Н        |       | ┝          | 78         | $\dashv$ | $\vdash$ | H        | -        |                                     |          | Н         | Н        | +        | $\dashv$  |     |          | 127<br>128 | $\vdash$ | Н        |          | -        | Н        | Н        | $\dashv$ | $\dashv$                | ᅴ              |
| H            | _          | 29         |               | Н        |          | ₩        | H      | ╁           | ╀  | $\vdash$ | ├          | $\vdash$ | ٠     | ⊢          | 79         | $\dashv$ | _        | -        | _        | Н                                   |          | Н         |          | -        | ᅱ         |     |          | 129        | -        | Н        | $\vdash$ | Н        | Н        | $\dashv$ | -        | ┥                       | $\dashv$       |
| H            |            | 30         | _             | -        | _        | ₩        | Н      | +           | ┢  | $\vdash$ | Н          | H        |       | -          | 80         | $\dashv$ | -        | -        | ⊢        | Н                                   | -        |           | $\dashv$ | $\dashv$ | ᅥ         |     |          | 130        | H        | Н        | -        |          | Н        | $\dashv$ | $\dashv$ | $\dashv$                | $\dashv$       |
| H            | 7          | 31         | abla          | Н        |          | ╫╴       | H      | ╁           | H  | $\vdash$ | H          | -        |       | -          | 81         | -        | -        | Н        | $\vdash$ | ┝┈                                  | -        |           | -        | $\dashv$ | ⊣         |     | _        | 131        | Н        | Н        |          | Н        | Н        | $\vdash$ | ┥        | ┪                       | ᅥ              |
| k            |            | 32         | ↤             | Н        |          | ╫╴       | H      | ╁           | H  | H        | $\vdash$   | -        |       | H          | 82         | -        | _        | H        | Н        | Н                                   | Н        | $\vdash$  | -        | $\dashv$ | ⊣         | !   |          | 132        | Н        | Н        | -        | Н        | Н        | -        | ┪        | $\dashv$                | ᅥ              |
| ۲            | ~          | 33         | 4             |          |          | ╫        | H      | +           | H  | $\vdash$ | -          | Н        |       | H          | 83         | $\dashv$ | _        | -        | -        | Н                                   | Н        | $\dashv$  | $\vdash$ | -+       | $\exists$ |     | _        | 133        | Н        | Н        |          | Н        | Н        | $\dashv$ | -        | ┪                       | ᅥ              |
| H            |            | 34         | -             | _        | _        | H        | H      | +           | $\vdash$   | H        | Н          |          |       | Н          | 84         | $\dashv$ |          | _        | -        | Н                                   | Н        | $\vdash$  | $\dashv$ | +        | ┪         |     | -        | 134        | Н        | Н        |          |          | Н        |          | -        | 十                       | ᅥ              |
| T            |            | 35         |               | Ė        | _        | tt       | ╫      | +-          | 1  | t        | H          | -        |       | Н          | 85         |          | _        | М        | -        | Н                                   | $\dashv$ | $\vdash$  | $\dashv$ | $\dashv$ | ┪         |     | H        | 135        | Н        | Н        |          |          | $\vdash$ | $\dashv$ | 一        | 1                       | ヿ              |
| T            | 7          | 36         |               |          | _        | #        | Ħ      | 1           | 1  | 1        | П          |          |       | Н          | 86         |          |          | -        | Н        |                                     | T        |           | $\dashv$ | 十        | ᅥ         |     | $\vdash$ | 136        | П        |          |          | $\neg$   | $\Box$   | $\neg$   | ┪        | 7                       | ヿ              |
| Γ            | 1          | 37         |               | П        |          | Π        | ΙŤ     | 1           | 1  | П        | П          | П        |       | П          | 87         | ٦        |          | Н        | Н        |                                     | $\dashv$ | Н         | $\dashv$ | 十        | ᅥ         |     |          | 137        | Н        | Н        | $\dashv$ | $\dashv$ | $\dashv$ | _        | ┪        | ヿ                       | ヿ              |
| T.           | 4          | 38         |               |          | П        | ΙŤ       | Ħ      | 1           | T  | П        | П          | П        |       | П          | 88         | ┪        |          | Н        | П        |                                     | $\dashv$ | $\exists$ | $\dashv$ | 十        | ᅥ         |     | $\vdash$ | 138        | Н        | Н        | $\neg$   |          | $\Box$   | ┪        | 寸        | 寸                       | ヿ              |
| Γ            | V          | 39         | $\Box$        |          |          | 1        | Ħ      | T           | T  | П        | П          | П        |       | П          | 89         | $\neg$   |          | П        | П        | П                                   | $\dashv$ | $\neg$    |          | _        | ヿ         |     | $\Box$   | 139        | Н        | $\dashv$ |          |          | $\neg$   | 寸        | ╗        | ヿ                       | ヿ              |
| Γ            | T          | 40         |               | П        |          | IT       | Π      | T           | Π  | П        | П          | П        |       | П          | 90         | $\neg$   |          |          |          | П                                   | $\neg$   | ٦         |          | +        | ٦         |     |          | 140        | М        | $\dashv$ | T        | $\neg$   |          | コ        | 7        | ↰                       | ┑              |
| Γ            | 1          | 41         |               | Н        | _        | 117      | H      | 1           | <del>                                     </del> | Н        | H          | П        |       | Н          | 91         | 7        | _        | $\vdash$ | Н        | $\dashv$                            | $\dashv$ | $\exists$ | 7        | $\dashv$ | ٦         |     |          | 141        | Н        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | 7        | 寸        | ヿ                       | ヿ              |
| 4            | _          | 12         | _             | Н        | ╮        | ₩        | tt     | †           | <del>                                     </del> | H        | Н          | Н        |       | Н          | 92         | ᅥ        | -        | Н        | $\dashv$ | $\dashv$                            | $\dashv$ | -         | $\dashv$ | $\dashv$ | $\dashv$  |     | H        | 142        | H        | $\dashv$ | -        | -        |          | $\dashv$ | 寸        | 寸                       | ٦              |
| ٦            | _          | 43         | ٦             |          |          |          | Ħ      | $\top$      | Т  | Н        | Н          | $\dashv$ |       | $\vdash$   | 93         | $\dashv$ |          | $\vdash$ | $\dashv$ |                                     | $\dashv$ | $\neg$    | 7        | -+       | ⊣         |     | _        | 143        | Н        | -        | 7        | ヿ        | ᅥ        | 7        | 7        | ナ                       | ヿ              |
| Г            | Ţ          | 44         | $\neg$        | П        |          |          | Π      | 1           |  | П        | Н          | П        |       |            | 94         | ٦        |          |          | $\neg$   |                                     | $\dashv$ | 7         | 7        | 7        | ┪         | ļ   |          | 144        | H        | ┪        | ヿ        | 7        | ヿ        | $\dashv$ | ┪        | ✝                       | ヿ              |
|              |            | 15         | ٦             |          |          | Г        | H      | ✝           | $\vdash$   | М        | H          | $\dashv$ |       |            | 95         | ┪        | _        | $\dashv$ | $\neg$   | 7                                   | 一        | ┪         | ᅥ        | -†       | ┪         |     |          | 145        | $\dashv$ | 7        | 7        | 7        | $\dashv$ | 7        | 7        | ヿ                       | ╛              |
|              | Ţ          | 16         |               |          |          | Г        | Π      | Τ-          |  | П        |            |          |       |            | 96         |          | ᅥ        |          | ٦        | $\dashv$                            | 7        | ┪         | ┪        | $\top$   | ٦         |     |          | 146        | $\sqcap$ | 7        | ┪        | ╗        |          |          |          | J                       | ┚              |
|              |            | 17         |               | П        | ٦        |          | Π      |             |  | П        | П          | ╗        |       |            | 97         | 7        | ┪        |          | $\neg$   | ╛                                   | ┪        | 7         | 7        | T        | ヿ         |     |          | 147        | $\neg$   | 一        | 7        | $\neg$   | 乛        | $\neg$   | T        | T                       | _]             |
|              |            | 18         |               |          |          |          | □      |             |  | П        |            | ╗        | i     | $\Box$     | 98         | ┪        | ٦        | 7        | $\dashv$ | 7                                   | ┪        | ᅥ         | ┪        | _        | ٦         |     | $\dashv$ | 148        | ヿ        | ╗        | _†       | ╛        | コ        |          | J        | I                       | ┚              |
|              | J          | 19         |               |          |          |          | $\Box$ | Y           |  |          |            |          | Ì     |            | 99         |          |          |          |          |                                     | $\Box$   | ╗         |          | _        |           | Ì   |          | 149        |          | J        | J        | $\Box$   | J        | I        | $\Box$   | $oldsymbol{\mathbb{I}}$ | ⅃              |
| L            | _[:        | 0          | _1            |          |          |          | Z      |             |  |          |            |          | Į     |            | ıoq        | $\Box$   |          | $\Box$   | $\Box$   | $\Box$                              | $\Box$   | ┚         | ╛        | $\Box$   | ┚         | -   |          | 150        |          | 囗        | $\Box$   | $\Box$   | $\Box$   | 二        |          | $\perp$                 | ل              |

BEST AVAILABLE

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